

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 through 4 (Canceled)

5. (Previously Presented) A computer-implemented method of identifying the entry point of an attack upon a device protected by an intrusion detection system, the method comprising the steps of:
obtaining intrusion information, from an intrusion detection system, regarding an attack upon a device protected by the intrusion detection system;
obtaining network information, from network equipment connected to the device, regarding the attack;
determining a logical entry point of the attack using a correlation engine to correlate the intrusion information and the network information; and
identifying a physical entry point associated with the logical entry point.
6. (Previously Presented) The computer-implemented method of claim 5, wherein the intrusion information includes an address.
7. (Previously Presented) The computer-implemented method of claim 6, wherein the address is a source address.
8. (Previously Presented) The computer-implemented method of claim 6, wherein the address is a destination address.
9. (Previously Presented) The computer-implemented method of claim 6, wherein the network information includes a logical port identifier of a logical port associated with the address.
10. (Previously Presented) The computer-implemented method of claim 9, wherein the step of determining a logical entry point includes the step of finding, in the network information, the logical port identifier of the logical port associated with the address.

11. (Previously Presented) The computer-implemented method of claim 9, wherein the step of identifying a physical entry point includes the step of identifying a physical port associated with the logical port.

12 through 14 (Canceled)

15. (Previously Presented) The computer-implemented method of claim 5, wherein the network equipment includes a firewall with routing function.

16. (Previously Presented) The computer-implemented method of claim 5, wherein the network equipment includes a network dispatcher.

17. (Previously Presented) The computer-implemented method of claim 5, wherein the network equipment includes a load balancer.

18. (Previously Presented) The computer-implemented method of claim 5, wherein the intrusion detection system includes network based intrusion detection equipment.

19. (Previously Presented) The computer-implemented method of claim 5, wherein the intrusion detection system includes host based intrusion detection equipment.

20. (Previously Presented) The computer-implemented method of claim 5, wherein the intrusion detection system includes application based intrusion detection equipment.

21. (Previously Presented) A method of identifying the entry point of an attack upon a device protected by an intrusion detection system, said device one of a plurality of devices connected by a network, the method comprising the computer-implemented steps of:

- detecting an attack on the device;
- notifying a correlation engine of the attack on the device;
- obtaining intrusion information regarding the attack;
- obtaining network information regarding the attack;
- using the correlation engine, correlating the intrusion information and the network information to produce correlation information;

using the correlation information, finding on the network a logical port of connection used by the attack; and

mapping the logical port on the network to a physical port on the network using the correlation engine.

22. (Previously Presented) The method of claim 21 comprising the further step of: alerting a network manager to the location of the logical port and of the physical port.

23. (Previously Presented) The method of claim 21 wherein the step of mapping is performed using the correlation engine.

24. (Previously Presented) The method of claim 21 wherein:
the intrusion information includes an address; and
the network information includes a logical port identifier of a logical port associated with the address.

25. (Previously Presented) An apparatus for detecting a point of an attack on a network, the apparatus comprising:

network equipment for connecting a protected device to a network;

an intrusion detection system comprising intrusion detection equipment;

a correlation engine adapted to:

receive a notification of an attack on the protected device;

receive intrusion information regarding the attack;

receive network information regarding the attack, wherein the network information pertains to the network;

correlate the intrusion information and the network information to produce correlation information;

use the correlation information to find on the network a logical port of connection used by the attack; and

map the logical port on the network to a physical port on the network using the correlation engine.

26. (Previously Presented) The apparatus of claim 25 further comprising:
means for alerting a network manager to the location of the logical port and of the physical port.

27. (Previously Presented) The apparatus of claim 25 wherein:
the intrusion information includes an address; and the network information includes a logical port
identifier of a logical port associated with the address.